Attorney Docket No. 223293 Client Reference No. 305369.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BLISS et al.

Application No. Unassigned

Filed: November 3, 2003

For: Techiques for Managed Code DeBugging Group Art Unit: Unassigned

Examiner: Unassigned

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT (along with any other documents attached or enclosed) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the dated indicated below and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria,

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INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

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The Information Disclosure Statement is being filed:

	date of 37 CFI set for of a fin	any one of the following time periods: (a) within three months of the filing f a national application other than a continued prosecution application under R 1.53(d); (b) within three months of the date of entry of the national stage as the in 37 CFR 1.491 of an international application; (c) before the mailing date est Office Action on the merits; or (d) before the mailing of a first Office Action ne filing of a request for continued examination under 37 CFR 1.114.			
	after (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action to otherwise closes prosecution in the application, and includes <i>one</i> of:				
		the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).			
	\Box	the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).			
	under and o 37 CF	the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance 37 CFR 1.311, or an action that otherwise closes prosecution in the application, n or before payment of the issue fee, and includes the Statement under R 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as th in 37 CFR 1.17(p) (see "Fees" below).			
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement unde 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.				
Copie	s of the	References			
	Attach relevan an Eng action degree	s of the references listed on the enclosed Form 1449 are enclosed herewith, sed to each reference not in the English language is a concise explanation of the nce pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or glish-language abstract, or an English-language version of the search report or by a foreign patent office in a counterpart foreign application indicating the of relevance found by the foreign office is being submitted in lieu of a concise lation of the relevance pursuant to 37 CFR 1.98(a)(3).			
	A copy	y of the foreign search report is enclosed herewith.			
	parent	eferences listed on the enclosed Form 1449 were previously identified in the application(s) of the present application, and copies of the references were need at that time. Accordingly, additional copies of the references are not			

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submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLI	CATIONS	Status (check one)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Statement under 37 CFR 1.97(e) The undersigned hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement. The undersigned hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. Statement under 37 CFR 1.704(d) The undersigned hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. **Fees No fee** is owed by the applicant(s). The IDS Fee of \$180 under 37 CFR 1.17(p) is enclosed herewith. Method of Payment of Fees Attached is a check in the amount of \$

. (A duplicate copy of

Charge Deposit Account No. 12-1216 in the amount of \$

this communication is enclosed for that purpose.)

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Authorization to Charge Additional Fees

\boxtimes	If any additional fees are	e owed in connection	with this communicati	on, please charge
	Deposit Account No. 12	2-1216. (A duplicate	copy of this communic	cation is enclosed
	for that purpose.)			
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Date: November 3, 2003

IDS (Revised 5/21/03)

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Sheet

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE

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of

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number Unassigned

Filing Date

First Named Inventor BLISS

Group Art Unit Unassigned

Examiner Name Unassigned

Attorney Docket Number 223293

Complete if Known

OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, Translation Examiner Doc. magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city Initials No. Yes No*+ and/or country where published. AA GENTILE, SAM, "Intro to Managed C++, Part 2: Mixing Managed and Unmanaged Code". retrieved from http://www.ondotnet.com/pub/a/dotnet/2003/03/03/mcppp2.html, pp. 1-6 AB "Managed Code Application Development for Windows Embedded Platfoms", March 4, 2003, retrieved from http://msdn.microsoft.com/chats/embedded/embedded 020603.asp. pp. 1-8 AC PELLEGRINO, MIKE, CLR Debugging, "Improve Your Understanding of .NET Internals by Building a Debugger for Managed Code", retrieved from http://msdn.microsoft.com/msdnmag/issues/02/11/CLRDebugging/default.aspx, pp. 1-16 ΑD MATROL, Overview, retrieved from http://www.cbmamiga.demon.co.uk/mpatrol/, pp. 1-5 ΑE What is TestCanter?" (1995), pp. 2-16 "A garbage collector for C and CC++, retrieved from ΑF http://www.hpl/hp/com/personal/Hans Boehm/gc/, pp. 1-7

				 ·
Examin	er Signature	-	Date Considered	

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

⁺ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).